

IN THE CLAIMS:

Please amend claims 89, 90, 98 and 99. This listing of the claims replaces all prior versions and listings of claims in the applications.

1-85. (Canceled)

86. (Previously Presented): An isolated antibody, or antigen binding fragment thereof, that specifically binds to a polypeptide selected from the group consisting of:

- a) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 95% identical to the nucleotide sequence of SEQ ID NO:415 or SEQ ID NO:416;
 - b) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 95% identical to the nucleotide sequence of the DNA insert of clone EpT294, which was deposited with ATCC as Accession Number 207220;
 - c) a polypeptide which is at least 95% identical to the amino acid sequence of SEQ ID NO:417;
 - d) a polypeptide which is at least 95% identical to residues 15-423 of the amino acid sequence of SEQ ID NO:417; and
 - e) a polypeptide which is at least 95% identical to residues 34-254 of the amino acid sequence of SEQ ID NO:417;
- wherein the polypeptide exhibits a lipase activity.

87. (Previously Presented): The antibody, or antigen binding fragment thereof, of claim 86, wherein said antibody is selected from the group consisting of:

- i) a monoclonal antibody;
- ii) a polyclonal antibody;
- iii) a humanized antibody;
- iv) a chimeric antibody; and
- v) a human antibody.

88. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 86, wherein said antigen binding fragment is a F(ab) fragment or a F(ab')₂ fragment.

89. (Currently Amended): The antibody, or antigen binding fragment thereof of claim 86, wherein said antibody binds to a polypeptide comprising amino acid residues 15-423 of SEQ ID NO:417.

90. (Currently Amended): The antibody, or antigen binding fragment thereof of claim 86, wherein said antibody binds to a polypeptide comprising amino acid residues 34-254 of SEQ ID NO:417.

91. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 86, wherein said antibody is detectably labeled.

92. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 91, wherein the detectable label is selected from the group consisting of:

- a) enzymes;
- b) prosthetic groups;
- c) fluorescent materials;
- d) luminescent materials;
- e) bioluminescent materials; and
- f) radioactive materials.

93-94. (Canceled)

95. (Previously Presented): An isolated antibody, or antigen binding fragment thereof, that specifically binds to a polypeptide selected from the group consisting of:

- a) a polypeptide comprising the amino acid sequence of SEQ ID NO:417;
- b) a polypeptide comprising the amino acid sequence of SEQ ID NO:419;
- c) the polypeptide encoded by the nucleic acid molecule of SEQ ID NO:415 or 416; and
- d) the polypeptide encoded by the nucleotide sequence of the DNA insert of clone EpT294, which was deposited with ATCC as Accession Number 207220.

96. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 95, wherein said antibody is selected from the group consisting of:

- i) a monoclonal antibody;
- ii) a polyclonal antibody;
- iii) a humanized antibody;
- iv) a chimeric antibody; and
- v) a human antibody.

97. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 95, wherein said antigen binding fragment is a F(ab) fragment or a F(ab')₂ fragment.

98. (Currently Amended): The antibody, or antigen binding fragment thereof of claim 95, wherein said antibody binds to a polypeptide comprising amino acid residues 15-423 of SEQ ID NO:417.

99. (Currently Amended): The antibody, or antigen binding fragment thereof of claim 95, wherein said antibody binds to a polypeptide comprising amino acid residues 34 to 254 of SEQ ID NO:417.

100. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 95, wherein said antibody is detectably labeled.

101. (Previously Presented): The antibody, or antigen binding fragment thereof of claim 100, wherein the detectable label is selected from the group consisting of:

- a) enzymes;
- b) prosthetic groups;
- c) fluorescent materials;
- d) luminescent materials;
- e) bioluminescent materials; and
- f) radioactive materials.

102-103. (Canceled)